



040904

13281 U.S. PTO

Patent  
Attorney Docket No. 033622-008

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT  
APPLICATION TRANSMITTAL LETTER17510 U.S. PTO  
10/820842

040904

## Mail Stop PATENT APPLICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Customer Number 2 1 8 3 9

Sir:

Enclosed for filing is the utility patent application entitled:

Crosslinkable Aromatic Resin Having Protonic Acid Group, and Ion Conductive Polymer Membrane,  
Binder and Fuel Cell Using the Resin

by the following named inventor(s):

Junichi ISHIKAWA, Takashi KUROKI, Satoko FUJIYAMA, Takehiko OMI, Tomoyuki NAKATA,  
Yuichi OKAWA, Kazuhisa MIYAZAKI, Shigeharu FUJII and Shoji TAMAI.☐ Applicant(s) suggests Figure \_\_\_\_ for inclusion on the front page of the patent application publication  
and patent.☒ Applicant(s) requests that the published application include the following assignment information:  
MITSUI CHEMICALS, INC., Tokyo, Japan

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☐ Small entity status is claimed.

Also enclosed are:

DRAWINGS: 2 sheets of formal drawings \_\_\_\_\_ sheets of informal drawings

DECLARATION: ☐ will follow ☒ executed, is enclosed ☐ unexecuted, is enclosedASSIGNMENT: ☒ is enclosed ☐ will follow

**CLAIM FOR  
PRIORITY  
UNDER  
35 U.S.C.  
§ 119 and/or  
365:**

☒ is made in the declaration

☐ is hereby made as follows

Country	Appl. No.	Filing Date MM-DD-YYYY
Japan	2001-312799	10-10-2001
Japan	2002-182252	06-21-2002

☒ certified copy(ies) enclosed

☐ certified copy(ies) will follow

**OTHER PAPERS:** ☒ A General Authorization for Petitions for Extensions of Time and Payment of Fees.

☒ An Information Disclosure Statement.

☒ An Application Data Sheet (ADS).

☐

\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

☒ The filing fee has been calculated as follows ☐ and in accordance with the enclosed preliminary amendment:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fee
Basic Application Fee (1001)					\$ 770.00
Total Claims	34	MINUS 20 =	14	x \$18.00 (1202) =	\$ 252.00
Independent Claims	1	MINUS 3 =	0	x \$86.00 (1201) =	\$ 0.00
If multiple dependent claims are presented, add \$290.00 (1203)					
Total Application Fee					\$ 1,022.00
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Application Fee					\$ 0.00
Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed.					\$ 40.00
<b>TOTAL APPLICATION FEE DUE</b>					<b>\$ 1,062.00</b>

☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.

- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☒ Charge \$ 1,062.00 to credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

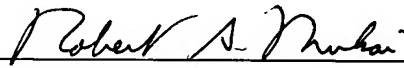
Please address all correspondence concerning this application to:

Burns, Doane, Swecker & Mathis, L.L.P.  
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Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By   
Robert G. Mukai  
Registration No. 28,531

Filed: April 9, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Ishikawa, Junichi et al.

Application No.:

Filing Date: April 9, 2004

Group Art Unit:

Examiner:

Confirmation No.:

Title: Crosslinkable Aromatic Resin Having Protonic Acid Group, and Ion Conductive Polymer Membrane, Binder and Fuel Cell Using the Resin

**GENERAL AUTHORIZATION FOR PETITIONS  
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.


Respectfully submitted,

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Date: April 9, 2004

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